### CARE OF HOGS AT VACCINATION

Bad results sometimes follow im proper or careless methods of handling and feeding, both prior to and immediately after vaccination, in spite of the fact that clean, potent serum were used. Among the things that can be done to contribute to good results are the following:

Feed the hogs moderately for twenty-four hours before vaccinating. Do to be wild and hard to handle.

During hot weather, vaccinate early in the morning or towards the evening, rather than in the middle of the day, when it is hot.

The hogs should be kept in a clean.

The hogs should be kept in a clean, dry place before vaccination. This is better both for the hogs and for the persons who are to handle them.

If possible, group the hogs according to size. This will lessen the chances for error in estimating the doses of serum to be injected.

Provide a box or table on which to place the bettles of serum and virus, disinfectants syringes also whose they disinfectants, syringes, etc., where they will be convenient but not likely to

It is even more important that the hogs be kept clean and dry after vac-cleation, to reduce to a minimum the hances for infecting the needle

may can be caught without chasing nem. This should be done before the

them. This should be done before the arrival of the veterinarian.

Special attention should be paid to the feeding of the hogs after vaccination. Corn should be excluded from the diet entirely for at least a week. The reduced rations of slightly laxative feeds.

Watch the hogs carefully for at least three weeks after vaccination, especially if the double treatment has been used. If all goes well for three weeks, there is little to be feared later on.

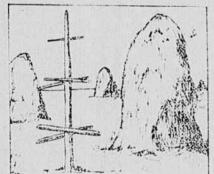
following the double treatment, they should be isolated from the rest of the nerd. Sometimes another dose of serum will save them.

serum will save them.

If an abscess forms at the point of injection, it should be opened promptly, and given a chance to drain. Very few abscesses should occur, however, if the foregoing rules are followed.

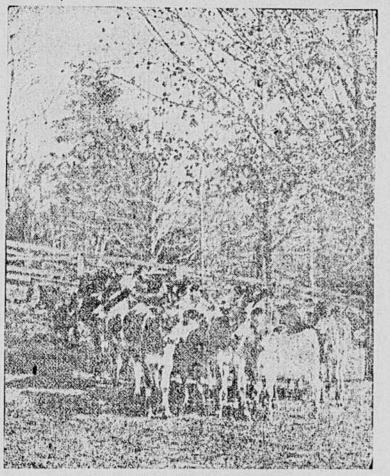
Good serum properly used is very reliable, and has saved hogs worth millions of dollars, but large quantities of impotent or contaminated serum and even imitations of serum have been used in many States with bad results. There is no known cure or preventive treatment by ordinary medicines that the interest of the property used in sufficient strength may have some value in preventing cholera simply by descripting virus on feeding floors, troughs, etc.

the greater has grown the deif for information about them
is this surprising, for when we
gnize the value of cover crops,
the advantage of legumes as
recepts, as preventers of crossions,
expers of plant food which might
twise be leached out of the soil,
also their power to add to the
dry of plant food, deepen the soil
odd to its supply of humus, to
rove its physical condition, and
didition, their value as hay and
ing crops, to the progressive
er they become very interesting,
to properly perform the iunctions
to winter crop, those adapted to



into hay and fed to the live stock.

Facts for Farmers, Stock



### PLANT COVER CROPS NOW

during the winter months. Corn, to-bacco, cotton and peanuts are the principal crops of the Southern States, especially from the area or acreage planted, and these crops, after a thorough cultivation and loosening of the soil during the summer, lenves the ground in fine condition for washing. The most effective method of preventing this great damage to our lands is by never allowing these cultivated fields to be left open and exposed to the heavy washing rains of late fall and winter, which can so easily be prevented by providing some growing crop to cover the land during these

properly perform the functions an average erop.

To have green fields during the winter erop, those adapted to properly winter is a very wise rule to practice, and means good farming and prosperty to so cover the soil because the could be could be considered. that purpose should be sowed sufficiently early to so cover the soil bed diverther growth is stopped by celd weather as to protect it from crosion. But when they are sowed even too late for that, their root system may make enough growth to stop a large part of the waste of plant food that would be leached out of a bare soil. The soil always needs these cover crops, and more so this year than usual, due to the high price and searcity of hay from droughty conditions in most sections of the country the three essential elements in plant in the three essential elements in plant in of our steek also, and it will be a many acres of winter-growing rover crops as possible the season now at

Method of Curling Cow Pea Hay in North Carolina.

Method of Curling Cow Pea Hay in North Carolina.

food nitrogen, phosporius, and potastina one or more of them is destributed to the many of them is destributed to the many of the state of these, nitrogens cultivated soils of these, nitrogens cultivated soils of these, nitrogens of the many of the many of the state in this country that only from 40 per cent of the nitrogen from the air the sablect still more inferesting. It is an established fact that all free nitrogen from the air three cultivations has established fact that all free nitrogen from the air three cultivations against of bacteria peculiar to the particular kind of legume grow. For instance, the cowpeas will thrive only when the bacteria peculiar to the particular kind of legume grow. For instance, the cowpeas will thrive only when the bacteria peculiar to the particular kind of legume grow. For instance, the cowpeas will thrive only when the bacteria peculiar to the particular kind of legume grow. For instance, the cowpeas will thrive only when the bacteria peculiar to the particular kind of legume grow. For instance, the cowpeas will thrive only when the bacteria peculiar to the particular kind of legume grow. For instance, the cowpeas will thrive only when the bacteria peculiar to the particular kind of legume grow. For instance, the cowpeas will thrive only when the bacteria peculiar to the particular kind of legume grow. For instance, the cowpean when the hadderia peculiar to the particular kind of legume grow. For instance, the cowpean will insend the latents are covered or state of the latents and on throughout the entire list, with certain covered to bacteria good in the latents and the latents are covered to bacteria good in the latents of the latents are covered to bacteria good in the latents are covered to bacteri

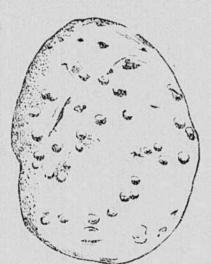
give satisfactory returns.

### POTATOES INJURED BY GAS

How is it in your section, green and toes with formaldehyde gas for scab flourishing fields in winter, or bare and at the New York Experiment Station, desolute looking ones? The progres-sive or prosperous farmer is the one who grows cover crops year after year, jured that they were unlit for seed, not allowing any field to be left bare. The injury took the form of sunken during the winter months. Corn, to-

GROWING LEGUMINOUS CROPS

The aggressive campaign that has been waged for the past few years in the interest of better farming by the insert of legumes has not been without its reward. As farmers have become better acquainted with these crops and as they have more fully understood their economy in erop production, the greater has grown the department of the proper state of the entire wind for information about them. Nor is this surprising, for when we



the cows. A cow is a highly organ-ized, complex machine caslly put out

Weeds are scattered by natural

the milking place. Dip the fingers in this and thus soften the teats and

matter if all the other points are good. but the more you pet a cow the profitable she becomes.

Soil for Alfalfa.

Although established with comparative case in almost any section of the
West, there are certain precautions
which must be observed in the Eastern
and humid States before affalfa will
"catch." The first of these is perhaps
that of determining whether or not the ture will supply and allow it to re-main for an hour or so. If the blue litmus paper turns pink, the soil is acid; if the paper remains blue, the soil contains no acid.

Feeding Ducks and Geesle. Geese and ducks are very similar in their habits of eating. Some recom-

Formaldekyde Gas.

seed that a comparatively high with it improves it greatly. We have been distinfection of polatoes by so of formaldehyde gas many its do not agree with Professor as to the necessity of wetting for with boiling water or to employ the better results. For summer teeding the geese require nothing our with boiling water or to employ the high whole grain once a day in water than the cellars and storerooms.

WAR IS PRINCIPAL HELP . IN WHEAT PRICE ADVANCE

Facts for Farmers, 3lock Breeders, Poultry Raisers, Orchardists, Truckers and Gardeners—Queries and Answers

suitable for seed potatoes the humidity is naturally high. The sprouted companies to the humidity. By the property of absorption the potatoes scize and hold for the humidity. By the property of absorption the potatoes scize and hold for the humidity. By the property of absorption the potatoes scize and hold for the humidity. By the property of absorption the potatoes scize and hold for the humidity. By the property of absorption the potatoes scize and hold for the humidity of the property of absorption the potatoes scize and hold for the humidity of the property of absorption the potatoes scize and hold for the humidity of the property of the property of the property of the humidity of the property of the proper

### FINANCIAL REVIEW

Cover cropping the orchard is a obligations abroad were conspicuous practice that should come into more events which heartened the financial The flist will keep you fighting these days. Clean up every dirty spot around the house and go over the door and window street.

days. Clean up of the door and window screens to repair any broken places.

Some men complain that they do not raise sheep because they are hard to confine within bounds. That is entirely the fault of the fence builder, not of the sheep.

Clogged up roof drains and rain parcies are splendid mosquito-breeding places.

With general advances in prices of grains were viewed with concern in conservative quarters where the speculative operations in that marks are regarded as detrimental. The outlook for handling and financing cotton is improved visibly by readjustments under way and exports of this staple and creats are bound to charge American foreign dobts into credits before many weeks it was believed. The local money market stiffened during the week on increased scarcity of sup-Many railroad reports for July were cluined and with few exceptions they

Drinks Helladonna by Mistake.

ved the man's life.

### LOSS OF SHIPS AT SEA

SUMMER RESORTS-Virginia

NATURAL BRIDGE COMPANY, W. G. Hamilton, even Manager

## Elkton Hotel

purposes. Booklet, D. C. GRAHAM, Manager.

RESORTS-Atlantic City

THE WILTSHIRE Wiretnia Avenue view; capacity 300; private baths. Running water, in rooms; elevator; music. Special 515.50 up weekly; \$1.50 up daily. Open all the year. Booklet. SAM'L ELLIS.

KENTON HALL

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CARACACA CACACACA CACACA CACACACA CACACA CACACACA CACACA C

## IS SUBJECT OF STUDY

Times telegraphs a story to the effect that two daughters of General Tom-ilovsky, one of the Russlan command-era have volunteered for the war. In compliance with their persistent request they have been permitted to dress themselves in soldier's uniform and they will be sent to advanced posi-Tions.

SCHOOLS.

rior Decoration, Architectural and Mechanical Drawing taught at VIRGINIA MECHANICS' INSTI-TUTE in night classes. September 14 to 22.

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Ernest Hutcheson.
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Miss Lindsay Powers, Assistant.

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Montessori Diploma. Miss Maria Blair
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to little girls. No extras. Address MISS
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S. BIRD, F. O. Box 792.



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chitects and sanitary engineers. The location of the school is un surpassed. Opposite the public play ground at Byrd Park, it is in cas valking distance of the western resi dence district, convenient to all lines, only fifteen minutes from Fifth Catalogue by mail or at book stores. Principal at 1518 West Avenue. Phone Madison 174.

JOHN P. MCGUIRE.

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